

## CX3 5/8-1

130003-T

Marine and Land Based Light-Weight VHF Antenna. Tx/Rx. 150W  
3 dBd. N female. N239F. Packed in a tube

This antenna is a heavy duty collinear omnidirectional antenna with 3 dBd gain, the favourite antenna for the professional market. Swivel nut N239F is included. It is manufactured in premium quality materials in order to prevent galvanic corrosion. The radiating elements are made of brass. The antenna is manufactured using crimping technology giving the antenna a 4-5 times stronger build-up. The antenna is always subject for improvement. The antenna has the same rugged design as all other AC Antennas products thus it withstands harsh environmental conditions, both on Sea and Land.

### Short description

|               |                          |
|---------------|--------------------------|
| Product group | VHF                      |
| Design        | Collinear coaxial dipole |
| Pattern       | Omnidirectional          |

### Electrical specifications

|                          |              |
|--------------------------|--------------|
| Frequency range [MHz]    | 156.0-162.5  |
| Bandwidth [MHz]          | 6.5          |
| Nominal Impedance [Ohm]  | 50           |
| Max. Input Power [Watt]  | 150          |
| Gain [dBd/dBi/Marine dB] | 3 / 5.15 / 6 |
| VSWR                     | <1.5:1       |
| Polarisation             | Vertical     |
| DC Shorted               | Yes          |
| DC Grounded              | Yes          |
| Connector                | N-Female     |

### Mechanical specifications

|  |                                     |
|--|-------------------------------------|
| Length [m/ft]                          | 2.63 / 8.63                         |
| Sections                               | 1                                   |
| Weight [kg/lbs]                        | 0.60 / 1.32                         |
| Survival Wind Speed [km/h / m/s / mph] | 200 / 55 / 124                      |
| Wind Area [m2/ft2]                     | 0.0365 / 0.3929                     |
| Wind Load @ 160km/h [N]                | 53                                  |
| Material                               | Fibreglass                          |
| Colour                                 | White                               |
| Operating Temperature Range [°C/°F]    | -40 to +60 / -40 to +140            |
| Ingress Protection                     | IP68                                |
| Thread                                 | 1" 14TPI male / ISO 228/1-G1 female |
| Mounting                               | Mounting nut included               |



